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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.	
10/677,753	10/03/2003	Richard D. Roberts	XSI.067 / 10X-201	4907	
7590 12/13/2006			EXAMINER		
Patent Department			FILE, ERIN M		
XtremeSpectrum, Inc.					
Suite 700			ART UNIT	PAPER NUMBER	
8133 Leesburg Pike Vienna, VA 22181			2611		
			DATE MAILED: 12/13/2006		

Please find below and/or attached an Office communication concerning this application or proceeding.

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DETAILED ACTION

- 1. Claims 1-34 are allowed.
- 2. The following is a statement of reasons for the indication of allowable subject matter: the limitation of squaring the non-synchronized in-phase component and squaring the non-synchronized quadrature phase component and further multiplying the non-synchronized in-phase component and the non-synchronized quadrature phase component to produce an I-Q product and subtracting the squared non-synchronized quadrature component from the squared non-synchronized in-phase component to produce a first intermediate value then doubling the I-Q product to produce a second intermediate value and adding the first intermediate value and the second intermediate value to produce a clear channel assessment input value is not found in the prior art of record.
- 3. As allowable subject matter has been indicated, applicant's reply must either comply with all formal requirements or specifically traverse each requirement not complied with. See 37 CFR 1.111(b) and MPEP § 707.07(a).
- 4. This application is in condition for allowance except for the following formal matters:

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The drawings are objected to because Fig. 3A-C, 4A-C, 5A-C, 6A-D, 7, 8, 10A-C, 11, and 12A, B require proper "x" and "y" axis labels such as are used in fig. 1. Corrected drawing sheets in compliance with 37 CFR 1.121(d) are required in reply to the Office action to avoid abandonment of the application. Any amended replacement drawing sheet should include all of the figures appearing on the immediate prior version of the sheet, even if only one figure is being amended. The figure or figure number of an amended drawing should not be labeled as "amended." If a drawing figure is to be canceled, the appropriate figure must be removed from the replacement sheet, and where necessary, the remaining figures must be renumbered and appropriate changes made to the brief description of the several views of the drawings for consistency. Additional replacement sheets may be necessary to show the renumbering of the remaining figures. Each drawing sheet submitted after the filing date of an application must be labeled in the top margin as either "Replacement Sheet" or "New Sheet" pursuant to 37 CFR 1.121(d). If the changes are not accepted by the examiner, the applicant will be notified and informed of any required corrective action in the next Office action. The objection to the drawings will not be held in abeyance.

Conclusion

Prosecution on the merits is closed in accordance with the practice under Ex 5. parte Quayle, 1935 C.D. 11, 453 O.G. 213.

A shortened statutory period for reply to this action is set to expire **TWO MONTHS** from the mailing date of this letter.

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6. Any inquiry concerning this communication or earlier communications from the examiner should be directed to Erin M. File whose telephone number is (571)272-6040. The examiner can normally be reached on M-F 1:00PM-9:30PM.

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If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Mohammad Ghayour can be reached on (571) 272-3021. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see http://pair-direct.uspto.gov. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free). If you would like assistance from a USPTO Customer Service Representative or access to the automated information system, call 800-786-9199 (IN USA OR CANADA) or 571-272-1000.

Erin M. File

12/7/2006

MOHAMMED GHAYOUR